



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ACADEMIC YEAR 2022-23

S.No	TITLE OF THE PAPER	AUTHOR NAME	NAME OF THE JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN number	No of citations	H-Index	SCOPUS/UGC
1	Air Purity Detection using IoT	D.Pushgara Rani	International Journal of Multidisciplinary Research	Sep 2022	DOI:10.36713			
2	Women Safety System using IoT	K.Sangeetha	IEEE	June 2022	10.1109/ICAIC53929.2022.9792929			Scopus
3	Entry Screening Device for Public Transport During Pandemic Period	K.Sangeetha,R.LakshmiDevi	IEEE	May2022	10.1109/IC31OT53935.2022.9768001			Scopus
4	Women Safety System using IoT	R.Lakshmi Devi	IEEE	June 2022	10.1109/ICAIC53929.2022.9792929			Scopus
5								
6	DUAL SUBSTRATE MIMO ANTENNA SYSTEM FOR COGNITIVE RADIO AND AUTOMOTIVE APPLICATIONS	Dr.Prasanna	TELECOMMUNICATION RADIO ENGINEERING Volume 81, Issue 8, pp. 1-9	2022				SCI
7	Framework For Touchless Patient	Dr.Prasanna	International Journal for	2022				SCI

	Monitoring System Integrating Uwb Radar And Internet Of Things (Iot) For Covid19 Patients		Multiscale Computational Engineering. vol. 20, no. 4, pp. 57-69					
8	Experimental Investigation and optimisation of tool geometry <b>geometry for turning process using response surface methodology</b>	Dr.P.Saravanan	Materials today	Volume 62, Part 4, 2022, Pages 2046-2049,2022				Scopus
9	A Novel Implementation of Esophagus Diagnosis Using Deep Learning	Ms.R.Janaki	IEEE	,Pages 636-641July 2022				scopus
9	IOT Enabled inexhaustible E vehicle using Transparent solar panel	Dr.P.Saravanan	International conference on Communication, computing and Internet of Things 978-1-6654-7995-0/22/\$31.00 ©2022 IEEE	2022				Scopus
10	Characteristic Analysis of OFDM-OQAM System in Below Deck Ship Environment	S.Sweetline Shamini	Journal of Pharmaceutical Negative Results	2022				Scopus
11	A genetic algorithm-based energy-aware multi-hop clustering scheme for heterogeneous wireless sensor networks	G.Saritha	PeerJ Computer Science	2022		<a href="https://doi.org/10.7717/peerj-cs.1029">https://doi.org/10.7717/peerj-cs.1029</a>		

12	Improving the yield of a solar still with the aid of an evacuated tube	G.Saritha	Journal of Physics: Conference Series	2022	doi:10.1088/1742-6596/2272/1/012009			
13	<b>Ghajini - An application For Dementia Patients</b>	D.Pushgara Rani	IEEE	March 2022	<b>DOI:</b> 10.1109/IC3IOT53935.2022.9767962			Scopus
14	<b>Illegal Fishing Detection Using Neural Networks</b>	D.Pushgara Rani	IEEE	March 2022	DOI: <a href="#">10.1109/IC3IOT53935.2022.9767876</a>			Scopus
15	<b>Speed Controlled Legal Driving System</b>	G.Saritha	IEEE	march2022	<a href="#">10.1109/IC3IOT53935.2022.9767919</a>			Scopus
16	<b>PLC BASED ELEVATOR CONTROL SYSTEM</b>	G.Saritha	IEEE	2022	<a href="#">10.1109/IC3IOT53935.2022.9768023</a>			Scopus
17	<b>Vivoice - Reading Assistant for the Blind using OCR and TTS</b>	R. Prabha	IEEE	2022	<a href="#">10.1109/ICC154379.2022.9740877</a>			Scopus
18	<b>Computer Aided Coronary Atherosclerosis Plaque Detection and Classification</b>	DEIVANAYAGI.S	Intelligent Automation and Soft Computing	2022				SCI
19	<b>Detection and Tracking of Covid</b>	Valarmathi, G	IEEE	2022	10.1109/ICD54290.2022			Scopus

	<b>symptom with Mixed Reality</b>				2.9780 745			
20	<b>Optimization of Hello Message Broadcasting Prediction Model for Stability Analysis</b>	Subashini, V	Wireless Communications and Mobile Computing	2022	<a href="https://doi.org/10.1155/2022/2785810">https://doi.org/10.1155/2022/2785810</a>			Scopus
21	<b>An Area Efficient FFT Processor using Modified Compressor adder based Vedic Multiplie</b>	Valarmathi, G	IEEE	2022	<a href="https://doi.org/10.1109/ICDCS54290.2022.9780676">10.1109/ICDCS54290.2022.9780676</a>			
22	<b>Smart Ambulance with IOT and Periodic Data Analysis</b>	Valarmathi, G	IEEE	2022	10.1109/IC31OT53935.2022.9768011			
23	<b>Forecasting Bitcoin price using time opinion mining and bi-directional GRU</b>	Valarmathi, G	Journal of Intelligent and Fuzzy Systems this link is disabled	2022	<a href="https://doi.org/10.3233/JIFS-211217">10.3233/JIFS-211217</a>			
24	<b>Design of a Novel Group Communication Framework to Improve Security in Internet of Things</b>	R. Prabha	IEEE	2022	<a href="https://doi.org/10.1109/ICA4159.2022.9785080">10.1109/ICA4159.2022.9785080</a>			
25	<b>Network Intrusion Detection System using Supervised Learning based Voting Classifier</b>	R. Prabha	IEEE	2022	<a href="https://doi.org/10.1109/IC31OT53935.2022.9767903">10.1109/IC31OT53935.2022.9767903</a>			
26	<b>A Big Wave of Deep Learning in Medical Imaging -</b>	R. Prabha	IEEE	2022				

	<b>Analysis of Theory and Applications</b>							
27	<b>Early detection of acute coronary syndrome through prothrombin time measurement using flexible UWB antenna for cardiac patient</b>	Prasanna, R.	Biomedical Signal Processing and Control this link is disabled	2022				
28	<b>Reconfigurable Tri-Band UWB Antenna Using Single Winding Balun Structure</b>	Prasanna, R.	Wireless Personal Communications this link is disabled	2022				
29	<b>FRAMEWORK FOR TOUCHLESS PATIENT MONITORING SYSTEM INTEGRATING ULTRA-WIDEBAND RADAR AND INTERNET OF THINGS FOR COVID-19 PATIENTS</b>	Prasanna, R	International Journal for Multiscale Computational Engineering this link is disabled	2022				
30	<b>Explicit and implicit oriented Aspect-Based Sentiment Analysis with optimal feature selection and deep learning for demonetization in India</b>	R. Prabha	Data and Knowledge Engineering this link is disabled	2022				
31	<b>A Machine Learning Approach for Human Breath Diagnosis with Soft Sensors</b>	R. Prabha	Computers and Electrical Engineering this link is disabled					
32	<b>Development of Deep Learning Technique of Features for the Analysis of Clinical</b>	R. Prabha	BioMed Research International this link is disabled					

	<b>Images Integrated with CANN</b>							
33	<b>Enhance Software-Defined Network Security with IoT for Strengthen the Encryption of Information Access Control</b>	R. Prabha	Computational Intelligence and Neuroscience					
34	<b>Effective COVID Monitoring Process to Observe Patients Status using Blockchain</b>	R. Prabha	IEEE	2022				
35	<b>Design of a Novel Group Communication Framework to Improve Security in Internet of Things</b>	R. Prabha	IEEE	2022				
36	<b>Compact Tri-Band Antenna with Double Winding Structures for 3G/4G/5G Base Station Applications</b>	P.Saravanan,Prasanna & S.Rajarajan	Wireless Personnel Communication	2022				SCI,in press
37	<b>Collaborative Product Recommendation System for E-commerce Websites</b>	P.Saravanan	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022, 2022	2022				Scopus